



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 160245

TO: Sean McGarry
Location: REM/2D19/2C18
Art Unit: 1635
Friday, March 03, 2006
Case Serial Number: 10/653528

From: Toby Port
Location: Biotech-Chem Library
REM-1A59
Phone: 571-272-2523

toby.port@uspto.gov

Search Notes

Examiner McGarry,

See attached results. Please note that the search for Seq ID 1 (787-815) did not process. I have a call into systems support to find out why this one piece of your search failed. I am waiting to hear from them before rerunning it and I will keep you posted on what I find out.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Toby Port
X22523



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STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher or contact*:

Mary Hale, Information Branch Supervisor
Remsen Bldg. 01 D86
571-272-2507

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library, Remsen Bldg.



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STIC-Biotech/ChemLib

180245

From: McGarry, Sean
Sent: Wednesday, February 22, 2006 3:03 PM
To: STIC-Biotech/ChemLib
Subject: SEQ SEARCH 10/653,528

Sean McGarry
AU 1635
REM 02D19 Office
REM 2C18 Mailbox
X20761
73484

10/653,528.

Please, a length limited search of SEQ ID NOS: 32, 33, 37, and nucleotides 787-815 of SEQ ID NO: 1. (nt \leq 80).

Thank You

RECEIVED
FEB 22 2006
STIC

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 3, 2006, 07:34:36 ; Search time 2014.56 Seconds
(Without alignments)
673.188 Million cell updates/sec

Title: US-10-655-801-3_COPY_14_177

Perfect score: 164

Sequence: 1 tctcgcgcacccctgtatgag.....tcaatccagataagtagaca 164

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 9793542 seqs, 413468905 residues

Total number of hits satisfying chosen parameters: 11282798

Minimum DB seq length: 0

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database:

Published Applications NA Main:*

- 1: /cgn2_6/prodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/prodata/1/pubpna/US08_PUBCOMB.seq:*
- 3: /cgn2_6/prodata/1/pubpna/US09A_PUBCOMB.seq:*
- 4: /cgn2_6/prodata/1/pubpna/US09B_PUBCOMB.seq:*
- 5: /cgn2_6/prodata/1/pubpna/US10A_PUBCOMB.seq:*
- 6: /cgn2_6/prodata/1/pubpna/US10B_PUBCOMB.seq:*
- 7: /cgn2_6/prodata/1/pubpna/US10C_PUBCOMB.seq:*
- 8: /cgn2_6/prodata/1/pubpna/US10D_PUBCOMB.seq:*
- 9: /cgn2_6/prodata/1/pubpna/US10E_PUBCOMB.seq:*
- 10: /cgn2_6/prodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	27	16.5	75	US-09-941-179A-16	Sequence 16, Appl
2	25.4	15.5	75	US-09-941-179A-17	Sequence 17, Appl
3	23.6	14.4	65	US-09-908-975-25943	Sequence 25943, A
4	22	13.4	65	US-09-908-975-3750	Sequence 3750, Ap
5	21.8	13.3	78	US-10-318-905-22	Sequence 22, Appl
6	21.4	13.0	65	US-09-908-975-24281	Sequence 24281, A
7	21.2	12.7	67	US-09-908-975-492	Sequence 492, App
8	20.8	12.7	65	US-09-924-093B-4915	Sequence 4915, Ap
9	20.6	12.6	65	US-09-908-975-4217	Sequence 4217, Ap
10	20.6	12.6	65	US-09-908-975-28239	Sequence 28239, A
11	20.4	12.4	65	US-09-908-975-30962	Sequence 30962, A
12	20.4	12.4	65	US-09-908-975-18034	Sequence 18034, A
13	20.4	12.4	77	US-09-864-761-18379	Sequence 18379, A
14	20.2	12.3	55	US-10-098-263B-20043	Sequence 20043, A
15	20.2	12.3	50	US-09-908-975-23252	Sequence 23252, A
16	20.2	12.3	60	US-09-908-975-18034	Sequence 18034, A
17	20	12.2	60	US-09-908-975-20526	Sequence 20526, A
18	20	12.2	60	US-09-908-975-6045	Sequence 6045, Ap
19	19.6	12.0	60	US-09-908-975-6045	Sequence 6045, Ap
20	19.6	12.0	70	US-10-862-084-21	Sequence 12, Appl
21	19.6	12.0	78	US-10-794-615-12	Sequence 34, Appl
22	19.4	11.8	43	US-09-989-722-34	Sequence 34, Appl
23	19.4	11.8	43	US-09-989-722-34	Sequence 34, Appl

24	19.4	11.8	43	US-09-989-723-34	Sequence 34, Appl
25	19.4	11.8	43	US-09-989-729-34	Sequence 34, Appl
26	19.4	11.8	43	US-09-989-727-34	Sequence 34, Appl
27	19.4	11.8	43	US-09-989-731-34	Sequence 34, Appl
28	19.4	11.8	43	US-09-989-732-34	Sequence 34, Appl
29	19.4	11.8	43	US-09-991-073-34	Sequence 34, Appl
30	19.4	11.8	43	US-09-990-442-34	Sequence 34, Appl
31	19.4	11.8	43	US-09-991-163-34	Sequence 34, Appl
32	19.4	11.8	43	US-09-993-604-34	Sequence 34, Appl
33	19.4	11.8	43	US-09-990-456-34	Sequence 34, Appl
34	19.4	11.8	43	US-09-989-721-34	Sequence 34, Appl
35	19.4	11.8	43	US-09-992-598-34	Sequence 34, Appl
36	19.4	11.8	43	US-09-989-730-34	Sequence 34, Appl
37	19.4	11.8	43	US-09-989-735-34	Sequence 34, Appl
38	19.4	11.8	43	US-09-990-444-34	Sequence 34, Appl
39	19.4	11.8	43	US-09-991-181-34	Sequence 34, Appl
40	19.4	11.8	43	US-09-989-730-34	Sequence 34, Appl
41	19.4	11.8	43	US-09-990-436-34	Sequence 34, Appl
42	19.4	11.8	43	US-09-993-687-34	Sequence 34, Appl
43	19.4	11.8	43	US-09-989-734-34	Sequence 34, Appl
44	19.4	11.8	43	US-09-997-653-34	Sequence 34, Appl
45	19.4	11.8	43	US-09-989-724-34	Sequence 34, Appl
46	19.4	11.8	43	US-09-989-728-34	Sequence 34, Appl
47	19.4	11.8	43	US-09-990-441-34	Sequence 34, Appl
48	19.4	11.8	43	US-09-993-667-34	Sequence 34, Appl
49	19.4	11.8	43	US-09-997-428-34	Sequence 34, Appl
50	19.4	11.8	43	US-09-997-666-34	Sequence 34, Appl
51	19.4	11.8	43	US-09-990-438-34	Sequence 34, Appl
52	19.4	11.8	43	US-09-990-562-34	Sequence 34, Appl
53	19.4	11.8	43	US-09-990-711-34	Sequence 34, Appl
54	19.4	11.8	43	US-09-989-726-34	Sequence 34, Appl
55	19.4	11.8	43	US-09-998-156-34	Sequence 34, Appl
56	19.4	11.8	43	US-09-990-437-34	Sequence 34, Appl
57	19.4	11.8	43	US-09-991-157-34	Sequence 34, Appl
58	19.4	11.8	43	US-09-997-514-34	Sequence 34, Appl
59	19.4	11.8	43	US-09-997-573-34	Sequence 34, Appl
60	19.4	11.8	43	US-09-991-172-34	Sequence 34, Appl
61	19.4	11.8	43	US-09-990-726-34	Sequence 34, Appl
62	19.4	11.8	43	US-09-997-559-34	Sequence 34, Appl
63	19.4	11.8	43	US-09-997-601-34	Sequence 34, Appl
64	19.4	11.8	43	US-09-990-443-34	Sequence 34, Appl
65	19.4	11.8	43	US-09-991-854-34	Sequence 34, Appl
66	19.4	11.8	43	US-09-997-628-34	Sequence 34, Appl
67	19.4	11.8	43	US-09-997-683-34	Sequence 34, Appl
68	19.4	11.8	43	US-09-989-729A-34	Sequence 34, Appl
69	19.4	11.8	43	US-09-997-349-34	Sequence 34, Appl
70	19.4	11.8	43	US-09-997-440-34	Sequence 34, Appl
71	19.4	11.8	43	US-09-990-440-34	Sequence 34, Appl
72	19.4	11.8	43	US-09-997-857-34	Sequence 34, Appl
73	19.4	11.8	43	US-09-993-469-34	Sequence 34, Appl
74	19.4	11.8	43	US-09-997-542-34	Sequence 34, Appl
75	19.4	11.8	43	US-09-993-748-34	Sequence 34, Appl
76	19.4	11.8	43	US-09-990-439-34	Sequence 34, Appl
77	19.4	11.8	43	US-09-990-427-34	Sequence 34, Appl
78	19.4	11.8	43	US-09-989-328-34	Sequence 34, Appl
79	19.4	11.8	43	US-09-993-583-34	Sequence 34, Appl
80	19.4	11.8	43	US-09-941-992-34	Sequence 34, Appl
81	19.4	11.8	43	US-09-992-521-34	Sequence 34, Appl
82	19.4	11.8	43	US-09-997-333-34	Sequence 34, Appl
83	19.4	11.8	43	US-09-997-384-34	Sequence 34, Appl
84	19.4	11.8	43	US-09-998-041-34	Sequence 34, Appl
85	19.4	11.8	43	US-09-997-585-34	Sequence 34, Appl
86	19.4	11.8	43	US-09-997-614-34	Sequence 34, Appl
87	19.4	11.8	43	US-09-989-862-34	Sequence 34, Appl
88	19.4	11.8	43	US-09-997-529-34	Sequence 34, Appl
89	19.4	11.8	43	US-09-989-725-34	Sequence 34, Appl
90	19.4	11.8	43	US-09-991-150-34	Sequence 34, Appl
91	19.4	11.8	43	US-09-997-641-34	Sequence 34, Appl
92	19.4	11.8	43	US-09-989-733-34	Sequence 34, Appl
93	19.4	11.8	43	US-09-992-643-34	Sequence 34, Appl
94	19.4	11.8	43	US-10-219-538-34	Sequence 34, Appl
95	19.4	11.8	43	US-10-950-374-34	Sequence 34, Appl
96	19.4	11.8	60	US-09-908-975-22641	Sequence 22641, A

C 97 19.4 11.8 60 3 US-09-908-975-31431
C 98 19.4 11.8 60 3 US-09-908-975-31672
99 19.4 11.8 65 3 US-09-908-975-391
100 19.4 11.8 65 3 US-09-908-975-24884

Sequence 31431, A
Sequence 31672, A
Sequence 391, App
Sequence 24884, A

ALIGNMENTS

RESULT 1

US-09-941-179A-16
; Sequence 16, Application US/09941179A
; Patent No. US20020146765A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: Acetylcholine receptor subunits
; FILE REFERENCE: Le A 34 821
; CURRENT APPLICATION NUMBER: US/09/941.179A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-941-179A-16

Query Match 16.5%; Score 27; DB 3; Length 75;

Best Local Similarity 60.0%; Pred. No. 25;

Matches 45; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

QY 18 GAGGGGACTGGGCGAGTCTTAGACAGTCCCGAAGTTCTCAAGGCACAGGTCCTTCCTGGT 77
DB 1 GCGGGGAGTGGGTATCTTAGAGTCCCGCGCGTTCCGACGAAAGTTTATACATGCT 60
QY 78 TTGACTGTCCTTACC 92
DB 61 GCGGCGAGCCTTACC 75

RESULT 2

US-09-941-179A-17/c
; Sequence 17, Application US/09941179A
; Patent No. US20020146765A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: Acetylcholine receptor subunits
; FILE REFERENCE: Le A 34 821
; CURRENT APPLICATION NUMBER: US/09/941.179A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-941-179A-17

Query Match 15.5%; Score 25.4; DB 3; Length 75;

Best Local Similarity 58.7%; Pred. No. 94;

Matches 44; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 18 GAGGGGACTGGGCGAGTCTTAGACAGTCCCGAAGTTCTCAAGGCACAGGTCCTTCCTGGT 77
DB 75 GCGGGGAGTGGGTATCTTAGAGTCCCGCGCGTTCCGACGAAAGTTTATACATGCT 16

QY 78 TTGACTGTCCTTACC 92
DB 15 GCGGCGAGCCTTACC 1

RESULT 3

US-09-908-975-25943
; Sequence 25943, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simcha
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908.975
; CURRENT FILING DATE: 2001-07-20
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25943
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-908-975-25943

Query Match 14.4%; Score 23.6; DB 3; Length 65;

Best Local Similarity 61.3%; Pred. No. 4e+02;

Matches 38; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 3 TCGGCCACCTTGTATGAGGAGTGGGAGTCTTAGACAGTCCCGAAGTTCTCAAGGCAC 62
DB 3 TCGGCCACCTGTATGTACATATGCTGTTCACTGAGGCTGTACAACACTCCTGSCAC 62
QY 63 AG 64
DB 63 AG 64

RESULT 4

US-09-908-975-3750/c
; Sequence 3750, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simcha
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908.975
; CURRENT FILING DATE: 2001-07-20
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3750
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-3750

Query Match 13.4%; Score 22; DB 3; Length 65;
Best Local Similarity 59.7%; Pred. No. 1.5e+03;
Matches 37; Conservative 0; Mismatches 25; Indels 0; Gaps 0;

QY 17 TGGGGAGCTGGGAGCTTCTAGACAGTCCCGAAGTTCTCAGGACAGGCTCTTCTG 76
DB 64 TGGAGAGAGCTGAGGCTCTGAAATTCGAAAGTTCTCAGGAGGTGCTGCTG 5

QY 77 TT 78
DB 4 GT 3

RESULT 5
US-10-318-905-22

; Sequence 22, Application US/10318905
; Publication No. US20030152560A1

; GENERAL INFORMATION:

; APPLICANT: Selden et al.; Richard F.
; TITLE OF INVENTION: THERAPY FOR ALPHA-GALACTOSIDASE A
; DEFICIENCY

; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA

; COUNTRY: USA
; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/318,905

; FILING DATE: 12-Dec-2002

; CLASSIFICATION: <Unknown>

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US/08/928,881

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Fraser, Janis K.

; REGISTRATION NUMBER: 34,819

; REFERENCE/DOCKET NUMBER: 07236/003001

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617/542-5070

; TELEFAX: 617/542-8906

; INFORMATION FOR SEQ ID NO: 22:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 78 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-10-318-905-22

Query Match 13.3%; Score 21.8; DB 6; Length 78;

Best Local Similarity 56.2%; Pred. No. 1.8e+03;

Matches 41; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 35 CTGAGACGTCGCCGAAGTTCTCAAGGACAGGCTCTTCTGCTTACGTCTTACCCC 94

DB 5 CTACAGGCTCCCGAGAGCTCTGCTCTTGGCTTGGCTGCTGCTGCTGCTGCTG 64

QY 95 GGGAGGACAGTGC 107

DB 65 AAGAGGCACTGC 77

RESULT 6
US-10-746-943-28

; Sequence 28, Application US/10746943

; Publication No. US20040235011A1

; GENERAL INFORMATION:

; APPLICANT: Cooper, Richard K.

; APPLICANT: Pioretti, William C.

; APPLICANT: Cadd, Gary G.

; TITLE OF INVENTION: Production of Multimeric Proteins

; FILE REFERENCE: 51687-0230 (51687-294924)

; CURRENT APPLICATION NUMBER: US/10/746,943

; CURRENT FILING DATE: 2003-12-24

; PRIOR APPLICATION NUMBER: US 60/392,415

; PRIOR FILING DATE: 2002-06-26

; PRIOR APPLICATION NUMBER: US 60/441,381

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 60/441,447

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 60/441,405

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 60/441,502

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 60/441,377

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 60/441,392

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US 10/609,019

; PRIOR FILING DATE: 2003-06-26

; NUMBER OF SEQ ID NOS: 104

; SOFTWARE: Patentin version 3.2

; SEQ ID NO 28

; LENGTH: 78

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-746-943-28

Query Match 13.3%; Score 21.8; DB 8; Length 78;

Best Local Similarity 56.2%; Pred. No. 1.8e+03;

Matches 41; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 35 CTGAGACGTCGCCGAAGTTCTCAAGGACAGGCTCTTCTGCTTACGTCTTACCCC 94

DB 5 CTACAGGCTCCCGAGAGCTCTGCTCTTGGCTTGGCTGCTGCTGCTGCTGCTG 64

QY 95 GGGAGGACAGTGC 107

DB 65 AAGAGGCACTGC 77

RESULT 7
US-09-908-975-24281

; Sequence 24281, Application US/09908975

; Publication No. US20030165843A1

; GENERAL INFORMATION:

; APPLICANT: SHOSHAN, Avi

; APPLICANT: WASSERMAN, Alon

; APPLICANT: MINTZ, Eli

; APPLICANT: FAIGER, Simchon

; TITLE OF INVENTION: Oligonucleotide Library for Detecting RNA Transcripts and Splice

; FILE REFERENCE: 36688-0005

; CURRENT APPLICATION NUMBER: US/09/908,975

; CURRENT FILING DATE: 2001-07-20

; PRIOR APPLICATION NUMBER: US 60/287,724

; PRIOR FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: US 60/221,607

; PRIOR FILING DATE: 2000-07-28

; NUMBER OF SEQ ID NOS: 32337

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 24281

; LENGTH: 65

; TYPE: DNA

; ORGANISM: Mus musculus

Query Match 12.4%; Score 20.6; DB 3; Length 65;
 Best Local Similarity 67.4%; Pred. No. 4.7e+03;
 Matches 23; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 97 GGAGGAGTGCAGCTGCAAGCCCAAGTGAAGACATC 139
 |||||
 DB 10 GGTCAACTGAGCTGTTGAAGCACCACATGGAAGAACTTC 52

RESULT 12

US-09-908-975-30962
 ; Sequence 30962, Application US/09908975
 ; Publication No. US20030165843A1
 ; GENERAL INFORMATION:

APPLICANT: SHOSHAN, Avi
 APPLICANT: MASSEMAN, Alon
 APPLICANT: MINTZ, Eli
 APPLICANT: MINTZ, Ilat
 APPLICANT: PAIGER, Shimon
 TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
 TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
 FILE REFERENCE: 36688-0005
 CURRENT APPLICATION NUMBER: US/09/908,975
 CURRENT FILING DATE: 2001-07-20
 PRIOR APPLICATION NUMBER: US 60/287,724
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: US 60/221,607
 PRIOR FILING DATE: 2000-07-28
 NUMBER OF SEQ ID NOS: 32337
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 30962

LENGTH: 65

TYPE: DNA
 ORGANISM: Mus musculus
 US-09-908-975-30962

Query Match 12.4%; Score 20.4; DB 3; Length 65;
 Best Local Similarity 65.2%; Pred. No. 5.6e+03;
 Matches 30; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 19 AGGAGACTGGGAGTCTTGAAGACATCCGGAAGTCTCAAGGACAG 64
 |||||
 DB 6 AGAGACTGAGCAGCTGCTGACAGTGCATCTGTGCTGAAGAACAG 51

RESULT 13

US-09-864-761-18379
 ; Sequence 18379, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 FILE REFERENCE: Aeomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667

US-09-864-761-18379
 ; Sequence 18379, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 FILE REFERENCE: Aeomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Anomax Sequence Listing Engine vers. 1.1

SEQ ID NO 18379

LENGTH: 77

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: MAP TO AL033380.10

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5

OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.5

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.88

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.3

OTHER INFORMATION: EST HUMAN HIT: W02144.1, EVALUE 3.60e+00

OTHER INFORMATION: NT HIT: AF110763.1, EVALUE 3.30e-02

OTHER INFORMATION: SWISSPROT HIT: Q58016, EVALUE 5.40e+00

US-09-864-761-18379

Query Match 12.4%; Score 20.4; DB 3; Length 77;
 Best Local Similarity 61.1%; Pred. No. 5.8e+03;
 Matches 33; Conservative 0; Mismatches 21; Indels 0; Gaps 0;

QY 94 CGGGAGGCGAGTGCAGCCAGCTGCAGAGCCCAAGTGAAGACATCTGAGCTCA 147
 |||||
 DB 1 CTGGGAGAGCGGTGCAGCCAGATTCAGAGCCAGAGTGTGCTGCTGGGATCA 54

RESULT 14

US-10-098-263B-20043/C
 ; Sequence 20043, Application US/10098263B
 ; Publication No. US20030104410A1
 ; GENERAL INFORMATION:

APPLICANT: Miltman, Michael
 TITLE OF INVENTION: Human Microarray
 FILE REFERENCE: 3118.1
 CURRENT APPLICATION NUMBER: US/10/098,263B
 CURRENT FILING DATE: 2003-01-08
 PRIOR APPLICATION NUMBER: 60/276,759
 PRIOR FILING DATE: 2001-03-16
 NUMBER OF SEQ ID NOS: 131066
 SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 SEQ ID NO 20043

US-10-098-263B-20043/C
 ; Sequence 20043, Application US/10098263B
 ; Publication No. US20030104410A1
 ; GENERAL INFORMATION:

APPLICANT: Miltman, Michael
 TITLE OF INVENTION: Human Microarray
 FILE REFERENCE: 3118.1
 CURRENT APPLICATION NUMBER: US/10/098,263B
 CURRENT FILING DATE: 2003-01-08
 PRIOR APPLICATION NUMBER: 60/276,759
 PRIOR FILING DATE: 2001-03-16
 NUMBER OF SEQ ID NOS: 131066
 SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 SEQ ID NO 20043
 LENGTH: 25
 TYPE: DNA
 ORGANISM: Homo sapiens

US-10-098-263B-20043

Query Match 12.3%: Score 20.2; DB 5; Length 25;
Best Local Similarity 88.0%; Pred. No. 5.4e+03;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 76 GTTGACTGTCCTTACCCCGGGGAG 100
Db 25 GTCTGACCGCTCTTACCCAGGGGAG 1

RESULT 15
US-10-813-1068/c

; Sequence 1068, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shinketsu, Richard A.
; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND ME
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; PRIOR FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1068
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; NAME/KEY: misc_feature
; LOCATION: (25)...(26)
; OTHER INFORMATION: Nucleotide deleted between bases 25 and 26
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg44921277
; US-10-813-638-1068

Query Match 12.3%: Score 20.2; DB 8; Length 50;
Best Local Similarity 63.3%; Pred. No. 6.2e+03;
Matches 31; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 95 GGGGAGCAGTCGAGCCGAGTGCAGCCCGACAGTGAAGACATCTGAG 143
Db 49 GGGGAGCGGGCGCTGGAGCCCGCAAGCTCCAGATGAGGATGATCAGGG 1

RESULT 16
US-09-908-975-23252/c

; Sequence 23252, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Ilat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28

; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23252
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-908-975-23252

Query Match 12.3%: Score 20.2; DB 3; Length 60;
Best Local Similarity 68.3%; Pred. No. 6.5e+03;
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 99 AGCGATGCAGCCAGCTGCAGGCCCGACAGTGAAGACATC 139
Db 42 AGCCAGGAACATAGCTGCAGCACCGACAGAGACCAAGTTC 2

RESULT 17
US-09-908-975-18023/c

; Sequence 18023, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Ilat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18023
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-908-975-18023

Query Match 12.2%: Score 20; DB 3; Length 60;
Best Local Similarity 61.5%; Pred. No. 7.6e+03;
Matches 32; Conservative 0; Mismatches 20; Indels 0; Gaps 0;

QY 5 GGCCACCTTGTGATGAGGGAGCTGGCAGTTCTAGACAGTCCGAACTTCTCA 56
Db 60 GGCTGCCCTTGAGAGAGCTGAGTGGCTTCAGGTGATTCCTCATATTTCACA 9

RESULT 18
US-09-908-975-18034/c

; Sequence 18034, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Ilat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337

Fri Mar 3 11:20:42 2006

SOFTWARE: Patentin version 3.0
 SEQ ID NO 18034
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-18034

Query Match 12.2%; Score 20; DB 3; Length 60;
 Best Local Similarity 82.1%; Pred. No. 7.6e+03;
 Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 111 CAGCTGCAAGCCCGACAGTGAAGAACAT 138
 DB 33 CATCTACAAAGCCGACAGTGAAGAACAT 6

RESULT 19
 US-09-908-975-20526
 Sequence 20526, Application US/09908975
 Publication No. US20030165843A1
 GENERAL INFORMATION:
 APPLICANT: SHOSHAN, Avi
 APPLICANT: MASSEMAN, Alon
 APPLICANT: MINTZ, Eli
 APPLICANT: MINTZ, Eli
 APPLICANT: PAIGER, Simchon
 TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
 TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
 FILE REFERENCE: 3668-0005
 CURRENT APPLICATION NUMBER: US/09/908,975
 CURRENT FILING DATE: 2001-07-20
 PRIOR APPLICATION NUMBER: US 60/287,724
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: US 60/221,607
 PRIOR FILING DATE: 2000-07-28
 NUMBER OF SEQ ID NOS: 32337
 SOFTWARE: Patentin version 3.0
 SEQ ID NO 20526
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-20526

Query Match 12.2%; Score 20; DB 3; Length 60;
 Best Local Similarity 65.9%; Pred. No. 7.6e+03;
 Matches 29; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 104 GTGCAGCAGCTGCAAGCCCGACAGTGAAGAACATCTGAGCTCA 147
 DB 16 GTGCTCCATCTGCTGCGCACACTGTGTAAAGCAGCAGCTCA 59

RESULT 20
 US-09-908-975-6045
 Sequence 6045, Application US/09908975
 Publication No. US20030165843A1
 GENERAL INFORMATION:
 APPLICANT: SHOSHAN, Avi
 APPLICANT: MASSEMAN, Alon
 APPLICANT: MINTZ, Eli
 APPLICANT: MINTZ, Eli
 APPLICANT: PAIGER, Simchon
 TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
 TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
 FILE REFERENCE: 3668-0005
 CURRENT APPLICATION NUMBER: US/09/908,975
 CURRENT FILING DATE: 2001-07-20
 PRIOR APPLICATION NUMBER: US 60/287,724
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: US 60/221,607
 PRIOR FILING DATE: 2000-07-28
 NUMBER OF SEQ ID NOS: 32337
 SOFTWARE: Patentin version 3.0

SEQ ID NO 6045
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-6045

Query Match 12.0%; Score 19.6; DB 3; Length 60;
 Best Local Similarity 84.6%; Pred. No. 1.1e+04;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 61 ACAGTCTCTCTCTGTTGACTGTC 86
 DB 8 ACAGGCTCTCTCTGTTGACTGCC 33

RESULT 21
 US-10-862-084-21/c
 Sequence 21, Application US/10862084
 Publication No. US20040224915A1
 GENERAL INFORMATION:
 APPLICANT: Janjic, Nebojsa
 APPLICANT: Gold, Larry
 TITLE OF INVENTION: High Affinity Vascular Endothelial Growth Factor (VEGF)
 TITLE OF INVENTION: Receptor Nucleic Acid Ligands and Inhibitors
 FILE REFERENCE: NEX8
 CURRENT APPLICATION NUMBER: US/10/862,084
 CURRENT FILING DATE: 2004-06-04
 PRIOR APPLICATION NUMBER: US/09/364,540
 PRIOR FILING DATE: 1999-07-29
 NUMBER OF SEQ ID NOS: 36
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 21
 LENGTH: 70
 TYPE: RNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: modified base
 LOCATION: (1)..(70)
 OTHER INFORMATION: All pyrimidines are 2'F.
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-862-084-21

Query Match 12.0%; Score 19.6; DB 8; Length 70;
 Best Local Similarity 62.0%; Pred. No. 1.1e+04;
 Matches 31; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

QY 18 GAGGGGACGCGGACGTTCTAGACAGTCCGAGCTTCTCAAGCAGAGTC 67
 DB 64 GAGTGTCTGACGAGCAGACCAATATGAAAGTTCCAAAGAGCAGCTC 15

RESULT 22
 US-10-794-615-12
 Sequence 12, Application US/10794615
 Publication No. US20040261148A1
 GENERAL INFORMATION:
 APPLICANT: Dickey, Lynn
 APPLICANT: Gasdaska, John
 APPLICANT: Cox, Kevin
 TITLE OF INVENTION: Expression of Biologically Active
 TITLE OF INVENTION: Polypeptides in Duckweed
 FILE REFERENCE: 40989/267934
 CURRENT APPLICATION NUMBER: US/10/794,615
 CURRENT FILING DATE: 2004-03-05
 PRIOR APPLICATION NUMBER: US/10/675,011
 PRIOR FILING DATE: 2003-09-30
 PRIOR APPLICATION NUMBER: US 09/915,873
 PRIOR FILING DATE: 2001-07-26
 PRIOR APPLICATION NUMBER: US 60/293,330
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/221,705

Fri Mar 3 11:20:42 2006

;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089539
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01

;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 11.8%; Score 19.4; DB 3; Length 43;
Best Local Similarity 70.3%; Pred. No. 1.2e+04;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 79 TGACTGTCTTACCCGGGAGGACAGTGCAGCAGCT 115
Db 1 TGACTGCACCTACCCCGTGGCAAGCTTTGAGCCAGCT 37

RESULT 24
US-09-989-723-34
Sequence 34, Application US/09989723
Patent No. US20020072092A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Guiney, Austin L.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Beoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C62
CURRENT APPLICATION NUMBER: US/09/989,723
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600

PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/087106
PRIOR FILING DATE:	1998-05-28
PRIOR APPLICATION NUMBER:	60/087607
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087609
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087759
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087827
PRIOR FILING DATE:	1998-06-03
PRIOR APPLICATION NUMBER:	60/088021
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088025
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088026
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088028
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088029
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088030
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088033
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088326
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088167
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088217
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088555
PRIOR FILING DATE:	1998-06-09
PRIOR APPLICATION NUMBER:	60/088734
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088738
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088742
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088810
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088824
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088826
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088858
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088861
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088876
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/0889105
PRIOR FILING DATE:	1998-06-12
PRIOR APPLICATION NUMBER:	60/089440
PRIOR FILING DATE:	1998-06-16
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;; PRIOR FILING DATE: 1998-07-09

Query Match 11.8%; Score 19.4; DB 3; Length 43;
Best Local Similarity 70.3%; Pred. No. 1.2e+04;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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DB 1 TGACTGCACTACCCCGGAGGAGCTGTGAGCGCGCT 37

RESULT 25
US-09-989-279-34
Sequence 34, Application US/09989279
Patent No. US20020072496A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C56
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CURRENT FILING DATE: 2001-11-19
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PRIOR FILING DATE: 1997-06-16
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 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 11.8%; Score 19.4; DB 3; Length 43;

Best Local Similarity 70.3%; Pred. No. 1.2e+04;
 Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
 Qy 79 TGACTGTCCTTACCCCGGAGGAGGAGTGCAGCCAGCT 115
 Db 1 TGACTGACTACCCCGGAGGAGGAGTGTGAGCCAGCT 37

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 Job time : 2017.56 secs

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Run on: March 3, 2006, 07:35:12 ; Search time 891.576 Seconds
(without alignments)
403.294 Million cell updates/sec

Title: US-10-655-801-3_COPY_14_177

Perfect score: 164

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Minimum DB seq length: 0

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	20.2	12.3	50	12	US-11-175-859-26422
C 5	20.2	12.3	50	12	US-11-175-859-75985
C 6	20.2	12.3	50	12	US-11-175-859-105901
C 7	19.6	12.0	79	8	US-10-310-914A-6285
C 8	19.6	12.0	50	12	US-11-175-859-2464
C 9	19.4	11.8	50	12	US-11-175-859-44910
C 10	19.4	11.8	64	8	US-10-939-294A-3704
C 11	19.2	11.7	50	12	US-11-175-859-29057
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C 15	19.1	11.6	19	10	US-11-101-244-338688
C 16	19.1	11.6	19	10	US-11-101-244-338691
C 17	19.1	11.6	19	10	US-11-101-244-338724
C 18	19.1	11.6	19	10	US-11-101-244-338750
C 19	19.1	11.6	19	10	US-11-101-244-338771
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89	17.6	10.7	63	8	US-10-310-914A-17734	Sequence 17734, A
90	17.6	10.7	63	8	US-10-310-914A-20325	Sequence 20325, A
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92	17.6	10.7	78	8	US-10-310-914A-13357	Sequence 13357, A
93	17.4	10.6	30	12	US-11-193-526-49	Sequence 49, Ap

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94 17.4 10.6 50 12 US-11-175-859-10012 Sequence 10012, A
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97 17.4 10.6 50 12 US-11-175-859-17548 Sequence 17548, A
98 17.4 10.6 50 12 US-11-175-859-34086 Sequence 34086, A
99 17.4 10.6 50 12 US-11-175-859-46153 Sequence 46153, A
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ALIGNMENTS

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RESULT 1
US-10-310-914A-275374/c
; Sequence 275374, Application US/10310914A
; Publication No. US2006000322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kyuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 275374
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; TYPE: RNA
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US-10-310-914A-275374

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Query Match
Best Local Similarity 14.6%; Score 24; DB 8; Length 24;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 24 CAGCCAGCTGCAGCCCGCAGTG 1

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; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
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; APPLICANT: Shiller, Kyuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
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RESULT 4
US-11-175-859-26422
; Sequence 26422, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26422
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-26422

```

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Query Match
Best Local Similarity 12.3%; Score 20.2; DB 12; Length 50;
Matches 31; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

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QY 95 GGGGAGGACGTGACGCCAGCTGCAGCCCGCAGTGAAGAATCTGAG 143
Db 1 GTGAGGAGATTGAGGACGCTGAAGYCAAGATTGTGAAGTTCTGCTTAG 49

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RESULT 5
US-11-175-859-75985
; Sequence 75985, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75985

```

LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-75985

Query Match 12.3%; Score 20.2; DB 12; Length 50;
Best Local Similarity 65.1%; Pred. No. 5.5e+03;
Matches 28; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

56 AAGGACAGGCTCTTCTGTTGACTGCTTACCCCGGG 98
8 AAGTGTAGGTCAATTACAGGAGTTGTGCTCCACGAGCGG 50

RESULT 6
US-11-175-859-105901/c
Sequence 105901, Application US/11175859
Publication No. US20060024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT FILING DATE: 2005-07-05
PRIOR APPLICATION NUMBER: US/11/175,859
PRIOR FILING DATE: 2004-07-02
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 105901
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-105901

Query Match 12.3%; Score 20.2; DB 12; Length 50;
Best Local Similarity 71.4%; Pred. No. 5.5e+03;
Matches 25; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

43 TCCCGAAGTGTCAAGGACAGGCTCTTCTGCT 77
50 TCTGACTTGTCTCAGGACAGGTTCTTCTGCT 16

US-10-310-914A-6285
Sequence 6285, Application US/10310914A
Publication No. US20060003322A1
GENERAL INFORMATION:
APPLICANT: Bentwich, Isaac
APPLICANT: Shlier, Kiyat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
FILE REFERENCE: 06087.0200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 6285
LENGTH: 79
TYPE: RNA
ORGANISM: Human
US-10-310-914A-6285

Query Match 12.2%; Score 20; DB 8; Length 79;
Best Local Similarity 51.9%; Pred. No. 7.1e+03;
Matches 27; Conservative 5; Mismatches 20; Indels 0; Gaps 0;

58 GGCACAGGTCTCTTCTGTTTACTGCTTACCCCGGAGGACAGTGCAG 109
28 GGCACAGGCTCCCGGCGGACGACGUCUCUCUGAGAGGAGCGGAG 79

RESULT 8
US-11-175-859-2464
Sequence 2464, Application US/11175859
Publication No. US200600024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT APPLICATION NUMBER: US/11/175,859
CURRENT FILING DATE: 2005-07-05
PRIOR APPLICATION NUMBER: US 60/585,352
PRIOR FILING DATE: 2004-07-02
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2464
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-2464

Query Match 12.0%; Score 19.6; DB 12; Length 50;
Best Local Similarity 63.6%; Pred. No. 8.5e+03;
Matches 28; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

115 TGCAAGCCCGACAGTGAAGACATCTGAGCTCAATCCAGATPA 158
1 TGACAGAAACATTAGAGATPACCTGAAATGCAATCCAGAA 44

RESULT 9
US-11-175-859-44910
Sequence 44910, Application US/11175859
Publication No. US20060024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT APPLICATION NUMBER: US/11/175,859
CURRENT FILING DATE: 2005-07-05
PRIOR APPLICATION NUMBER: US 60/585,352
PRIOR FILING DATE: 2004-07-02
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 44910
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-44910

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

128 GTGAGACATCTGAGCTCAATCCAGATPA 158
5 GTGAGAAATATCTGTACTCAANTGAAGATCA 35

US-10-939-294A-3704/c
Sequence 3704, Application US/10939294A
Publication No. US20050266417A1
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

128 GTGAGACATCTGAGCTCAATCCAGATPA 158
5 GTGAGAAATATCTGTACTCAANTGAAGATCA 35

US-10-939-294A-3704/c
Sequence 3704, Application US/10939294A
Publication No. US20050266417A1
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

128 GTGAGACATCTGAGCTCAATCCAGATPA 158
5 GTGAGAAATATCTGTACTCAANTGAAGATCA 35

PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3704
LENGTH: 64
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: oligonucleotide probe
US-10-939-294A-3704

Query Match US-11-859-29057/c 11.8%; Score 19.4; DB 8; Length 64;
Best Local Similarity 57.4%; Pred. No. 1e+04;
Matches 35; Conservative 0; Mismatches 26; Indels 0; Gaps 0;

QY 92 CCGGGGAGGAGGAGGACCCAGCTGCAAGCCCAAGAGAACATCTGAGCTCAATC 151
DB 64 CACGACGCTGGCGTGGCTTTGGCGAATCCCAAGGTCGCAAGCCTGGCTTGACGC 5

QY 152 C 152
DB 4 C 4

RESULT 11
US-11-175-859-29057/c
Sequence 29057, Application US/11175859
Publication No. US20060024715A1
GENERAL INFORMATION:
APPLICANT: Afymetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT APPLICATION NUMBER: US/11/175,859
CURRENT FILING DATE: 2005-07-05
PRIOR APPLICATION NUMBER: US 60/585,352
PRIOR FILING DATE: 2004-07-02
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 29057
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-29057

Query Match US-11-859-29057/c 11.7%; Score 19.2; DB 12; Length 50;
Best Local Similarity 70.6%; Pred. No. 1.1e+04;
Matches 24; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 65 GTCCTTCCTGCTGTTGACTGTCCTTACCCGGGG 98
DB 47 GATCTTCATTTGATTCGCTGTCATACCTGCTG 14

RESULT 12
US-10-310-914A-15202
Sequence 15202, Application US/10310914A
Publication No. US2006000322A1
GENERAL INFORMATION:
APPLICANT: Bentwich, Isaac
APPLICANT: Shlier, Kuzat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
TITLE OF INVENTION: uses thereof
FILE REFERENCE: 06087.0200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 15202
LENGTH: 62
TYPE: RNA
ORGANISM: Human

US-10-310-914A-15202

Query Match US-11-101-244-338671 11.7%; Score 19.2; DB 8; Length 62;
Best Local Similarity 60.0%; Pred. No. 1.2e+04;
Matches 24; Conservative 3; Mismatches 13; Indels 0; Gaps 0;

QY 110 CCAGCTGCAAGCCCAAGTGAAGAACATCTGAGCTCAA 149
DB 2 CCAGCCCTUAGCCCAAGCAGCCAGACAGUUGACAUACA 41

RESULT 13
US-11-101-244-338671
Sequence 338671, Application US/11101244
Publication No. US20050246794A1
GENERAL INFORMATION:

APPLICANT: Dharmoon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 338671
LENGTH: 19
TYPE: RNA
ORGANISM: Homo sapiens
US-11-101-244-338671

Query Match US-11-101-244-338671 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 133 GAACATCTGAGCTCAATC 151
DB 1 GAACAUUGAGGCUCAAU 19

RESULT 14
US-11-101-244-338677
Sequence 338677, Application US/11101244
Publication No. US20050246794A1
GENERAL INFORMATION:
APPLICANT: Dharmoon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 338677
LENGTH: 19
TYPE: RNA
ORGANISM: Homo sapiens
US-11-101-244-338677

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 143 GCTCAATCCAGATPACTG 161
DB 1 GCUCAAAUCCAGAUAGUG 19

RESULT 15
US-11-101-244-338688
; Sequence 338688, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338688
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338688

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 141 GAGCTCAATCCAGATPAG 159
DB 1 GAGCTCAATCCAGATPAG 19

RESULT 16
US-11-101-244-338691
; Sequence 338691, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338691
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338691

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 131 AAGAACATCTGAGCTCAA 149
DB 1 AAGAACATCTGAGCTCAA 19

RESULT 17
US-11-101-244-338724
; Sequence 338724, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338724
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338724

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 130 GAAGAACATCTGAGCTCAA 148
DB 1 GAAGAACATCTGAGCTCAA 19

RESULT 18
US-11-101-244-338750
; Sequence 338750, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338750
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338750

Query Match 11.6%; Score 19; DB 10; Length 19;

Best Local Similarity 73.7%; Pred. No. 1e+04; DB 10; Length 19;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
OY 34 TCTAGACAGTCCCGAAGTT 52
Db 1 UCUGACAGUCCCGAAGUU 19

RESULT 19
US-11-101-244-338771
; Sequence 338771, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338771
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338771

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
OY 133 GAACATCGAGCTCAATC 151
Db 1 GAACUUCGAGCUCCAAUC 19

RESULT 20
US-11-101-244-338777
; Sequence 338777, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338777
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338777

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;

Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
OY 143 GCTCAATCCAGATTAAGTG 161
Db 1 GCUCAAUCCAGAAUAGUG 19

RESULT 21
US-11-101-244-338788
; Sequence 338788, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338788
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338788

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
OY 141 GAGCTCAATCCAGATTAAG 159
Db 1 GAGCUCAAUCCAGAAUAG 19

RESULT 22
US-11-101-244-338791
; Sequence 338791, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338791
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338791

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Fri Mar 3 11:20:42 2006

Qy 131 AAGACATCTGAGCTCAA 149
 |||||:|||||
 Db 1 AAGACATCTGAGCTCAA 19

RESULT 23
 US-11-101-244-338824
 ; Sequence 338824, Application US/11101244
 ; Publication No. US20050246794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/101,244
 ; CURRENT FILING DATE: 2005-04-07
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338824
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-101-244-338824

Query Match 11.6%; Score 19; DB 10; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+04;
 Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 130 GAAGACATCTGAGCTCAA 148
 |||||:|||||
 Db 1 GAAGACATCTGAGCTCAA 19

RESULT 24
 US-11-101-244-338849
 ; Sequence 338849, Application US/11101244
 ; Publication No. US20050246794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/101,244
 ; CURRENT FILING DATE: 2005-04-07
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338849
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-101-244-338849

Query Match 11.6%; Score 19; DB 10; Length 19;
 Best Local Similarity 73.7%; Pred. No. 1e+04;
 Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 34 TCTAGACATCCCGAAGTT 52
 :|||:|||||
 Db 1 TCTAGACATCCCGAAGTT 19

RESULT 25
 US-11-083-784-338671
 ; Sequence 338671, Application US/11083784
 ; Publication No. US20050245475A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/083,784
 ; CURRENT FILING DATE: 2005-03-18
 ; PRIOR APPLICATION NUMBER: US/10/714,333
 ; PRIOR FILING DATE: 2003-11-14
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338671
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-083-784-338671

Query Match 11.6%; Score 19; DB 11; Length 19;
 Best Local Similarity 78.9%; Pred. No. 1e+04;
 Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 133 GAACATCTGAGCTCAATC 151
 |||||:|||||
 Db 1 GAACATCTGAGCTCAATC 19

Search completed: March 3, 2006, 07:56:43
 Job time : 891.776 secs

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November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New).

Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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